



Project: Alaska Copper Works

Inspection Date: 2/28/19

Project No.: 18ACW1

Technician: David DuBois

System Performance:

Was system running during the inspection? ☐ Yes ☒ No

Flow Rates (gpm) Influent n/a Effluent n/a The flows should be ~155 gpm

Bag Filter #1 Pressures (psi) Influent n/a Effluent n/a The bag filters should be replaced if differential pressure > 8 psi

Bag Filter #2 Pressures (psi) Influent n/a Effluent n/a

Carbon Filter Pressures (Lead) Influent n/a Effluent n/a The carbon filters should be backflushed if differential pressure > 8 psi

Carbon Filter Pressures (Lag) Influent n/a Effluent n/a

Were the bag filters replaced? ☐ Yes ☒ No

Was the carbon backflushed? ☐ Yes ☒ No

Maintenance and Inspection Checklist:

Task	Completed (Y/N)	Issues/Notes/Comments
Walchem Controller Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Display operable, no flow due to freeze protection
Flow Meters Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Level Sensor Cleaning/Inspection	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Inspect System Plumbing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Pumps Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Pump drained
General Housekeeping	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Chemistry Level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.5 drums onsite
Safety Materials Inspected	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Additional PPE and safety equipment stored in a satellite storage container outside of chemical storage on 2/27/19
pH Probe Inspection/Calibration	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Inline tank probe placed outside of tank and lines are drained



Water Sampling:

Were water samples taken? ☐ Yes ☒ No

Raw water:	pH	<u>n/a</u>	Turbidity	<u>n/a</u>	NTU
Bag Filter Influent	pH	<u>n/a</u>	Turbidity	<u>n/a</u>	NTU
Bag Filter Effluent	pH	<u>n/a</u>	Turbidity	<u>n/a</u>	NTU
Carbon Filter Influent	pH	<u>n/a</u>	Turbidity	<u>n/a</u>	NTU
Carbon Filter Effluent	pH	<u>n/a</u>	Turbidity	<u>n/a</u>	NTU

Monthly Tasks:

Were samples submitted to Analytical? ☐ Yes ☒ No

Analytical Lab: _____

Was Walchem data downloaded? ☐ Yes ☒ No

Were the tank sludge levels checked? ☒ Yes ☐ No

Sludge Depth (inches):

Decant Tank:	<u>0</u>
Treatment tank:	<u>0</u>
Backflush tank:	<u>0</u>
Main lift station:	<u>-</u>
North lift station:	<u>-</u>
South lift station:	<u>-</u>

Additional Comments, Recommendations and System Upsets:

Recommended to install a rise in the discharge pipe to allow the flowmeter to be fully submerged at all times.

David DuBois

Technician

Project Lead Tech

Title

2/28/19

Date

Submit